

<sup>131</sup>I Udr Exp 4 without DMSO

(8)

Tube #	Culture (100µL) Cell Count	HpxGe 300µL cells Radioactivity (cpm)	10/20/97 3-00 p.m. Avg. (cpm)
1	531, 508, 541	0	
2	650, 626, 595	58, 68, 76	67.3
3	460, 455, 468	93, 130, 132	118.3
4	550, 530, 538	266, 289, 239	264.66
5	466, 468, 452	578, 544, 537	553.0
6	567, 555, 521	1476, 1427, 1511	1471.33
7	558, 581, 636	2854, 2895, 2854	2867.6
8	567, 563, 537	2213, 6847, 6857	6972.33
9	594, 550, 543	11331, 12345, 11862	11846.0
10	611, 599, 507	0	

$$e^{-\frac{\ln(79)}{193.2}} = 0.753$$

Tube	Avg Culture	Cells mL	dpm	$\frac{\mu Ci}{mL cells}$	$\frac{2Ci}{cell}$	(76)
1	526.7	$2.107 \times 10^5$	0	0	0	
2	623.7	$2.495 \times 10^5$	473.61 <del>1421</del>	$7.111 \times 10^{-4}$ <del><math>2.134 \times 10^{-3}</math></del>	0.00285 ✓ 0.0086	
3	461	$1.844 \times 10^5$	832.74	$1.250 \times 10^{-3}$	0.00678	
4	539.3	$2.157 \times 10^5$	1662.53	$2.796 \times 10^{-3}$	0.01296	
5	462	$1.848 \times 10^5$	3891.62	$5.843 \times 10^{-3}$	0.03161	
6	547.6	$2.190 \times 10^5$	10354.21	$1.554 \times 10^{-2}$	0.07099	0.094
7	591.6	$2.366 \times 10^5$	20180.15	$3.030 \times 10^{-2}$	0.12806	0.17
8	555.6	$2.222 \times 10^5$	49066.38	$7.367 \times 10^{-2}$	0.33156	0.44
9	562.3	$2.25 \times 10^5$	83367.82	0.12517	0.55631	0.74
10	572.3	$2.289 \times 10^5$	0	0	0	